



Product Evaluation

DR824 | 0117

Engineering Services Program

The following product has been evaluated for compliance with the wind loads specified in the International Residential Code (IRC) and the International Building Code (IBC).

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

For more information, contact TDI Engineering Services Program at (800) 248-6032.

Evaluation ID: DR-824

Effective Date: January 1, 2017

Re-evaluation Date: June 2018

Product Name: 5400/5400S Series Vinyl Sliding Patio Doors, Frame Installation, Non-Impact Resistant

Manufacturer: Wincore Window Company, LLC
250 Staunton Avenue
Parkersburg, WV 26104
(304) 485-7460

General Description:

System	Description	Label Rating	Design Pressure (psf)	Drawing Number
1	5400/5400S Series Vinyl Sliding Patio Doors; OX, XO	R-PG60 71 x 82-SD	+60 / -60	TX-4615
2	5400/5400S Series Vinyl Sliding Patio Doors; OX, XO	SD-R40 95 x 80	+40 / -40	TX-4615
3	5400/5400S Series Vinyl Sliding Patio Doors; OX, XO	LC-PG35 96 x 96-SD	+35 / -35	TX-4615

Product Dimensions:

System	Overall Size	Maximum Panel Size	Maximum Glass Daylight Opening Size
1	70.9" x 81.9"	35.6" x 77.6"	29.1" x 71.2"
2	94.5" x 79.5"	47.2" x 75.2"	40.7" x 68.8"
3	96.1" x 96.1"	48.1" x 91.7"	41.6" x 85.3"

Product Identification (Certification Label on Window):

System		
1, 3	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Wincore Window Company, LLC
	Product Name	5400/5400S Series Vinyl Sliding Glass Doors
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08
2	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Wincore Window Company, LLC
	Product Name	5400/5400S Series Vinyl Sliding Glass Doors
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05

Impact Resistance:

System	Impact Resistant	Requirement
1-3	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

Acceptance of Smaller Assemblies: Window assemblies with dimensions equal to or smaller than those specified are acceptable with the limitations specified in this report.

Installation:

System	Impact Resistant	Requirement
1-3	Type of Installation	Install and anchor the window in accordance with Drawing No. TX-4615, titled "5400/5400S Series Vinyl Sliding Patio Door 'Non-Impact'," Sheets 1 through 6 of 6, dated June 16, 2016, signed, sealed and dated on June 20, 2016, by Lyndon F. Schmidt, P.E.
	Wall Framing	
	Fasteners	
	Fastener Location/Spacing	
	Fastener Penetration	

Note: Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.